

In the claims:

Amend claims 10 and 12 as follows:

C1
10. (Amended) A method for producing an oxidized form of an organic compound, the method comprising contacting the organic compound with a microorganism whose activity to regenerate an electron acceptor for oxidoreductase expressed by said microorganism is enhanced by the method comprising culturing the microorganism in a culture medium comprising a concentration of dissolved oxygen that is at least 50% less than the oxygen concentration of the medium under oxygen saturation conditions during the period that the oxidoreductase is expressed.

C2
12. (Amended) A method for producing an optically active alcohol, the method comprising contacting a microorganism with racemic alcohol to specifically oxidize either (S)-enantiomer or (R)-enantiomer in the racemate, wherein activity of the microorganism to regenerate an electron acceptor for oxidoreductase expressed by said organism is enhanced by the method comprising culturing the microorganism in a culture medium comprising a concentration of dissolved oxygen that is at least 50% less than the oxygen concentration of the medium under oxygen saturation conditions during the period that the oxidoreductase is expressed.

The following claims have been added:

--13. The method according to claim 10 or claim 12, wherein the concentration of dissolved oxygen is 20% or less saturation.

14. The method according to claim 10 or claim 12, wherein the concentration of dissolved oxygen is 10% or less saturation.

15. The method according to claim 10 or claim 12, wherein the electron acceptor is selected from the group consisting of nicotinamide adenine dinucleotide (NAD⁺), nicotinamide adenine dinucleotide phosphate (NADP⁺), cytochromes, molecular oxygen and quinones.

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Page : 3

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16. The method according to claim 10 or claim 12, wherein the oxidoreductase is alcohol dehydrogenase.

17. The method of claim 10 or claim 12, wherein the oxidoreductase is from *Candida parapsilosis*.

18. The method of claim 10 or claim 12, wherein the microorganism is selected from the group consisting of *Escherichia*, *Bacillus*, *Pseudomonas*, *Serratia*, *Brevibacterium*, *Corynebacterium*, *Streptococcus*, *Lactobacillus*, *Saccharomyces*, *Kluyveromyces*, *Schizosaccharomyces*, *Zygosaccharomyces*, *Yarrowia*, *Trichosporon*, *Rhodospiridium*, *Hansenula*, *Pichia*, *Candida*, *Neurospora*, *Aspergillus*, *Cephalosporium* and *Tricoderma*.

19. The method according to claim 18, wherein the microorganism is *Escherichia coli*.

20. The method according to claim 10 or claim 12, wherein the microorganism is genetically engineered to express a foreign gene encoding an oxidoreductase.--
